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Claims

1. A device for the preparation of a coffee-based
5 drink by extracting a dose of ground coffee
contained in a capsule (8), said device comprising
a water tank (1), a pump (2), a heater body (15)
and a water injection member (9) connected
10 successively via a water inlet pipe (3); the
device also comprising, disposed in the extension
of the water injection member (9), a capsule-
carrier (7) and an outlet orifice (10) for the
water-coffee mixture, the capsule-carrier (7)
15 being suitable for being manually attached to and
removed from the device and comprises means for
containing a capsule (8) of coffee, so that the
pressurized water originating from the water
injection member (9) can pass through the capsule
20 (8) and pass through the outlet orifice (10), said
device being characterized in that it also
consists of a single branch pipe (5), said branch
pipe (5) being connected at one of its ends to the
water inlet pipe (3), and comprises, at the other
25 of its ends, hydraulic means (6, 12, 13, 20)
suitable for controlling the outflow of a water-
coffee mixture through the outlet orifice (10);
the device also comprising a valve (4) placed on
the branch pipe (5), said valve (4) being suitable
30 either to be open and allow the water to flow into
the branch pipe (5) when a preset pressure is
reached, or closed and close off any flow in the
branch pipe (5) when said preset pressure is not
yet reached.
2. The device as claimed in the preceding claim,
35 comprising means of adjustment, by a user, of said
preset pressure.
3. The device as claimed in claim 1 or 2,

characterized in that the valve (4) is pressure-sensitive.

4. The device as claimed in any one of claims 1 to 3,
5 characterized in that the hydraulic means (6, 12) comprise a stopper (12) which alternatively closes off or releases the flow of a water-coffee mixture through the outlet orifice (10).
- 10 5. The device as claimed in the preceding claim, characterized in that the capsule-carrier (7) comprises at least one outflow orifice (14) and that the hydraulic means (6, 12) are placed so as to be able to close off said orifice (14).
- 15 6. The device as claimed in any one of claims 1 to 3, characterized in that the hydraulic means (6, 13) consist of at least one perforation member (13) which, when it is activated, perforates a capsule
20 (8) placed on the capsule-carrier (7) and thereby allows a water-coffee mixture to flow through the outlet orifice (10).
- 25 7. The device as claimed in any one of the preceding claims, characterized in that the hydraulic means comprise a flexible reservoir (20) which, when it swells following the arrival of water, operates means (21, 22, 24, 12, 13) which release the outflow of a water-coffee mixture through the
30 outlet orifice (10).